

ABSTRACT OF THE DISCLOSURE

5 The present invention provides a novel human integral membrane (IMP) and
polynucleotides which identify and encode IMP. The invention also provides genetically engineered
expression vectors and host cells comprising the nucleic acid sequences encoding IMP and a
method for producing IMP. The invention also provides for agonists, antibodies, or antagonists
specifically binding IMP, and their use, in the prevention and treatment of diseases associated with
10 expression of IMP. Additionally, the invention provides for the use of antisense molecules to
polynucleotides encoding IMP for the treatment of diseases associated with the expression of IMP.
The invention also provides diagnostic assays which utilize the polynucleotide, or fragments or the
complement thereof, and antibodies specifically binding IMP.